

REMARKS

The present Amendment amends claims 1-8, 20, 21-23 and 25-30, leaves claim 31 unchanged, and , adds new claims 32-46. Therefore, the present application has pending claims 1-8, 20-23 and 25-46.

Applicants' Attorney, the undersigned, Applicants' Japanese Representative Ms. Mayumi Mouri and Applicants' Japanese Technical Representative Daisuke Matsubara, wish to thank Examiner Nguyen for the courtesy extended during the interview of July 21, 2008. During such interview, a Proposed Amendment was presented that amended the claims to distinguish the features of the present invention from the references of record. It was agreed during the interview that the Proposed Amendment appears to "overcome" the references of record and that Examiner Nguyen will respond and perform an update search after the Proposed Amendment is submitted as part of a formal response to the outstanding Office Action.

The present Amendment amends the claims in a manner as set forth in the Proposed Amendment presented during the interview. Therefore, the claims as amended by the present Amendment contain features which have been determined by Examiner Nguyen to "overcome" the prior art of record, particularly Hirose (U.S. Patent Application Publication No. 2001/0049825), Shimadoi (U.S. Patent No. 6,400,729), Funaya (U.S. Patent No. 6,263,393), Tsuruoka (U.S. Patent No. 6,101,189) and Tsao (U.S. Patent No. 6,862,274).

As discussed during the interview, the present invention provides numerous features not taught or suggested by the references of record including detecting that the communication data conforms to a particular protocol based on a port number contained in the header corresponding to the

Layer 4 region of the communication data and, creating translation information including a correspondence relationship between a Layer 3 address of the first addressing system and a Layer 3 address of the second addressing system for translating a Layer 3 address contained in a region of the communication data higher than Layer 3, when the detecting unit detects that the communication data conforms to the particular protocol.

As discussed during the interview, the features of the present invention as clearly recited in the claims are not taught or suggested by Hirose. Hirose simply teaches a router 32 which connects the internal network to the outer network and translates a Media Access Control (MAC) address in the transferring packet. At no point is there any teaching or suggestion in Hirose of the feature of the present invention as recited in the claims.

The above described features of the present invention shown above not to be taught or suggested by Hirose are also not taught or suggested by Shimadoi, Funaya, Tsuruoka or Tsao.

Shimadoi simply teaches a system in which processing under transport layer in the communication between different networks can be formed by replacing headers added to communication data.

Funaya merely teaches a communication process between bus bridges in a bus switch wherein a transaction cell is transferred to one of the output ports that corresponds to the destination port.

Tsuruoka simply teaches the operation of translating Layer 3 addresses in a header.

Tsao simply teaches the composition of the IPv4 and IPv6 addressing systems.

It is quite clear that none of the other references of record teach or suggest the features of the present invention as clearly recited in the claims.

Thus, whether Hirose is taken individually or in combination with one or more of Shimadoi, Funaya, Tsuruoka or Tsao, the present invention is not anticipated nor rendered obvious by said references. Accordingly, reconsideration and withdrawal of the 35 USC §103(a) rejections of the claims is respectfully requested.

In any event, as acknowledged by the Examiner during the interview, the references of record have been overcome and said rejections based on the references should be reconsidered and withdrawn.

In view of the foregoing amendments and remarks, Applicants submit that claims 1-8, 20-23 and 25-46 are in condition for allowance. Accordingly, early allowance of claims 1-8, 20-23 and 25-46 is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (500.41227X00).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

/Carl I. Brundidge/
Carl I. Brundidge
Registration No. 29,621

CIB/jdc
(703) 684-1120